

**ABSTRACT OF THE DISCLOSURE:**

A method for producing an aluminum nitride/aluminum base composite material comprising the steps of; (A) charging aluminum nitride powder into a container provided in a molten metal pressure apparatus, (B) applying pressure to the aluminum nitride powder in the container, (C) pouring a molten aluminum base material into the container, and, (D) applying pressure to the molten aluminum base material in the container to fill the aluminum base material in space between the aluminum nitride powder particles.